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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 CA/CAPLUS - Russian Agency for Patents and Trademarks  
NEWS 4 (ROSPATENT) added to list of core patent offices covered  
NEWS 5 PATPATFULL - New display fields provide for legal status  
NEWS 6 data from INPADOC  
NEWS 7 BABS - Current-awareness alerts (SDIs) available  
NEWS 8 MEDLINE/IMEDLINE reloaded  
NEWS 9 GBFULL: New full-text patent database on STN  
NEWS 10 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 11 KOREAPAT now updated monthly; patent information enhanced  
NEWS 12 Original IDE display format returns to REGISTRY/ZREGISTRY  
NEWS 13 PATBPASPC - New patent database available  
NEWS 14 REGISTRY/ZREGISTRY enhanced with experimental property tags  
NEWS 15 EPFULL enhanced with additional patent information and new  
NEWS 16 fields  
NEWS 17 EMBASE - Database reloaded and enhanced  
NEWS 18 New CAS Information Use Policies available online  
NEWS 19 Patent searching, including current-awareness alerts (SDIs),  
NEWS 20 based on application date in CA/CAPLUS and USPAPFULL/USPAT2  
NEWS 21 may be affected by a change in filing date for U.S.  
NEWS 22 applications.  
NEWS 23 Improved searching of U.S. Patent Classifications for  
NEWS 24 U.S. patent records in CA/CAPLUS

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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NEWS WWW CAS World Wide Web Site (general information)

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DICTIONARY FILE UPDATES: 18 MAY 2005 HIGHEST RN 850688-83-4

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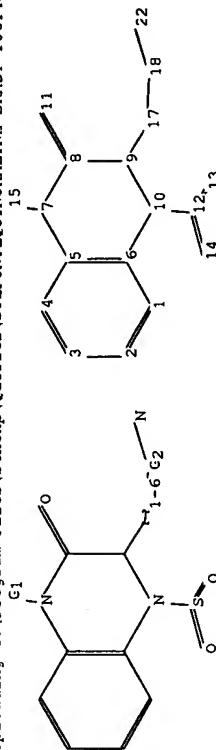
Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> Uploading C:\Program Files\Stnexp\Queries\SULFONYLQUINOXALINE BRADY 10614390.str



chain nodes : 11 12 13 14 15 17 18 22  
ring nodes :

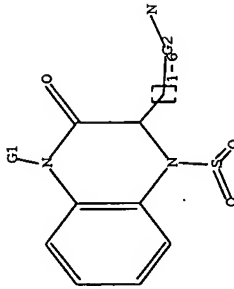
1 2 3 4 5 6 7 8 9 10  
chain bonds :  
7-15 8-11 9-17 10-12 12-13 12-14 17-18 18-22  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10  
exact/norm bonds :  
5-7 6-10 7-8 7-15 8-9 8-11 9-10 10-12 12-13 12-14 17-18 18-22  
9-17  
exact bonds :  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
G1:C,H  
G2:C,S  
Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 17:CLASS 18:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> D L2  
L2 HAS NO ANSWERS  
L1 STR



G1 C,H  
G2 C,S

Structure attributes must be viewed using STN Express query preparation.  
L2 QUE ABB=ON FLU=ON L1

=> S L2 SSS FULL  
FULL SEARCH INITIATED 14:49:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 955 TO ITERATE  
100.0% PROCESSED 955 ITERATIONS  
SEARCH TIME: 00.00.01  
L3 736 SEA SSS FUL L1

=> FILE CAPLUS  
COST IN U.S. DOLLARS  
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FILE 'CAPIUS' ENTERED AT 14:49:17 ON 19 MAY 2005  
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FILE COVERS 1907 - 19 May 2005 VOL 142 ISS 21  
FILE LAST UPDATED: 18 May 2005 (20050518/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3  
L4 10 L3

=> D 1-5

L4 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:354233 CAPLUS  
TI Binding modes of dihydroquinolinones in a homology model of bradykinin receptor 1  
AU Ha, Sookhee N.; Hey, Pat J.; Ransom, Rick W.; Harrell, C. Meacham; Murphy, Kathryn L.; Chang, Ray; Chen, Tsing-Bau; Su, Dai-Shi; Markowitz, M. Kristine; Bock, Mark G.; Freidinger, Roger M.; Hess, Fred J.  
CS Basic Chemistry, Merck Research Laboratories, Rahway, NJ, 07065, USA  
SO Biochemical and Biophysical Research Communications (2005), 331(1), 159-166  
CODEN: BBRC99; ISSN: 0006-291X  
PB Elsevier  
DT Journal  
LA English

L4 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2005:78230 CAPLUS  
DN 142:176869  
TI A preparation of quinoxaline derivatives, useful as bradykinin antagonists  
IN Su, Dai-Shi; Bock, Mark G.  
PA USA  
SO U.S. Pat. Appl. Publ., 30 pp.  
CODEN: USXXCO

DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE  
US 2005020591 A1 20050127

APPLICATION NO. DATE  
US 2003-614390 20030707

APPLICANTS

1-9 ARE NOT PRIOR ART?  
STRUCTURES NOT PRINTED

PRAI US 2002-433147P P 20021213  
OS MARPAT 142:176869

L4 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:1065658 CAPLUS  
DN 142:148182  
TI A novel nonpeptide antagonist of the kinin B1 receptor: Effects at the rabbit receptor  
AU Morissette, Guillaume; Fortin, Jean-Philippe; Otis, Sophie; Bouthillier, Johanne; Marceau, Francois  
CS Centre Hospitalier Universitaire de Quebec, Centre de recherche, Quebec, Can.  
SO Journal of Pharmacology and Experimental Therapeutics (2004), 311(3), 1121-1130  
CODEN: JPHB; ISSN: 0022-3565  
PB American Society for Pharmacology and Experimental Therapeutics  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:967777 CAPLUS  
DN 142:48410  
TI Development of an efficient and selective radioligand for bradykinin B1 receptor occupancy studies  
AU Su, Dai-Shi; Markowitz, M. Kristine; Murphy, Kathy L.; Wan, Bang-Lin; Zrada, Matthew M.; Harrell, C. Meacham; O'Malley, Stacy S.; Hess, J. Fred; Ranson, Rick W.; Chang, Ray S.; Wallace, Michael A.; Raab, Conrad E.; Dean, Dennis C.; Pettibone, Douglas J.; Freidinger, Roger M.; Bock, Mark G.  
CS Department of Medicinal Chemistry, Merck Research Laboratories, West Point, PA, 19486, USA  
SO Bioorganic & Medicinal Chemistry Letters (2004), 14(24), 6045-6048  
CODEN: BMCLE8; ISSN: 0960-894X  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:750984 CAPLUS  
DN 141:343321  
TI Pharmacological characterization and radioligand binding properties of a high-affinity, nonpeptide, bradykinin B1 receptor antagonist  
AU Ranson, Richard W.; Harrell, Charles M.; Reiss, Duane R.; Murphy, Kathryn L.; Chang, Raymond S. L.; Hess, J. Fred; Miller, Patricia J.; O'Malley, Stacey S.; Hey, Pat J.; Kunapuli, Priya; Su, Dai-Shi; Markowitz, M. Kristine; Wallace, Michael A.; Raab, Conrad E.; Jones, Allen N.; Dean, Dennis C.; Pettibone, Douglas J.; Freidinger, Roger M.; Bock, Mark G.  
CS Department of Molecular Neurology, WP46-300, Merck Research Laboratories, West Point, PA, 19486, USA  
SO European Journal of Pharmacology (2004), 499(1-2), 77-84  
CODEN: EUPHAZ; ISSN: 0014-2999  
PB Elsevier B.V.  
DT Journal  
LA English  
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

PRAI US 2002-433146P  
OS MARPAT 141:89112

L4 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:892758 CAPLUS  
DN 139:395948  
TI Preparation of sulfonylquinolone acetamide derivatives and related compounds as bradykinin antagonists  
IN Grant, Francine; Bartulis, Sarah; Brogley, Louie; Dapann, Michael S.; Kasar, Ramesh; Khan, Amin; Neitzel, Martin; Fleiss, Michael A.; Thorsett, Eugene D.; Tucker, John; Ye, Michael; Hawkinson, John  
PA Elan Pharmaceuticals, Inc., USA  
SO PCT Int. Appl., 391 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

L4 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:531363 CAPLUS  
DN 141:89112  
TI Preparation of quinoxalinones as bradykinin B1 antagonists for the treatment of pain and inflammation.  
IN Su, Dai-shi; Bock, Mark G.  
PA Merck & Co., Inc., USA  
SO PCT Int. Appl., 51 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE  
PI WO 2004054584 A1 20040701 WO 2003-US39058 20031209  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, BR, BU, BU, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG  
US 2004132733 P 20021213  
PRAI US 2002-433146P  
OS MARPAT 141:89112  
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

PATENT NO. KIND DATE APPLICATION NO. DATE  
PI WO 2003093245 A1 20031113 WO 2003-US13805 20030502  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, BR, BU, BU, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG  
CA 2483573 AA 20031113 CA 2003-2483573 20030502  
US 2004147519 A1 20040729 US 2003-429203 20030502  
US 2004147520 A1 20040729 US 2003-429917 20030502  
EP 1501807 A1 20050202 EP 2003-726597 20030502  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

==> D 6-10

PRAI US 2002-378206P P 20020503  
WO 2003-051380S W 20030502  
OS MARPAT 139:395948  
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:018208 CAPLUS  
DN 138:127923  
TI Discovery of a Potent, Non-peptide Bradykinin B1 Receptor Antagonist  
AU Su, Dai-Shi; Markowitz, M. Kristine; Dipardo, Robert M.; Murphy, Kathy L.;  
Harrell, C. Meacham; O'Malley, Stacy S.; Ransom, Richard W.; Chang,  
Raymond S. L.; Ha, Soohae; Hess, Fred J.; Pettibone, Douglas J.; Mason,  
Glenn S.; Boyce, Susan; Freidinger, Roger M.; Bock, Mark G.  
CS Departments of Medicinal Chemistry and Neuroscience, Merck Research  
Laboratories, West Point, PA, 19486, USA  
SO Journal of the American Chemical Society (2003), 125(25), 7516-7517  
PB CODEN: JACSAT; ISSN: 0002-7863  
DT Journal  
LA English  
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:76620 CAPLUS  
DN 138:131142  
TI Tetrahydroquinolines acting as bradykinin antagonists, their  
preparation, and their therapeutic use  
IN Beyreuther, Bettina; Hahn, Michael; Kallus, Christopher; Kruger, Joachim;  
Meier, Heinrich; Reismüller, Elke; Telan, Leila; Wittka-Nopper, Reilinde;  
Kroll, Mathias  
PA Bayer Aktiengesellschaft, Germany  
SO PCT Int. Appl., 160 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	W	2003007958	WO 2002-EP7416	20020704	
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 10134721	A1	20030206	DE 2001-10134721	20010717
	CA 2454007	AA	20030130	CA 2002-2454007	20020704
	EP 1411948	A1	20040428	EP 2002-762319	20020704
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2004536858	T2	20041209	JP 2003-513565	20020704
	US 2004235849	A1	20041125	US 2004-483464	20040614
PRAI	DE	2001-10134721	A	20010717	
OS	WO	2002-EP7416	W	20020704	
RE.CNT	13	THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1973:136227 CAPLUS  
DN 78:136227  
TI Condensed and bound quinoxalines. IV. New pathway to arylamides of (1,2-dihydro-2-oxo-3-quinoxalyl) acetic acid  
AU Romanenko, V. D.; Kul'chitskaya, N. E.; Burmistrov, S. I.  
CS Dnepropetr. Khim.-Tekhnol. Inst., Dnepropetrovsk, USSR  
SO Khimiya Geterotsiklicheskikh Soedinenii (1973), (2), 264-6  
CODEN: KOSASQ; ISSN: 0132-6244  
DT Journal  
LA Russian

=> D 10 ABS HITSTR

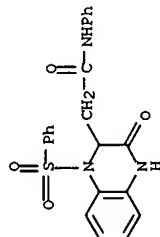
L4 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN  
AB N-Aryl-1,2,3,4-tetrahydro-2-oxo-3-quinoxalineacetamides [I; R = Ph, p-MeOC6H4, p-MeOC6H4, p-ETOC6H4, PhCH2, o-ON-C6H4, o-ClC6H4, 2,5-(MeO)ClC6H3] were prepared in 70-80% yields by heating o-(H2N)2C6H4 with the appropriate N-aryl-maleimides in aqueous alc. Boiling 1 in PhMe with chloranil gave 90-5% of the corresponding dihydroquinoxalineacetamides (II).

IT 40376-07-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(Preparation of)

RN 40376-07-6 CAPLUS

CN 2-Quinoxalineacetamide, 1,2,3,4-tetrahydro-3-oxo-N-phenyl-1-(phenylsulfonyl)- (9C1) (CA INDEX NAME)



PRIOR ART,  
BUT THIS  
COMPOUND IS  
PROVIDED OUT  
OF CLAIM  
1 NAMED  
COMPOUND  
EXCLUDED

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:Y  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
16.64	178.18

SINCE FILE ENTRY	TOTAL SESSION
-0.73	-0.73

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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